

INTERNATIONAL SEARCH REPORT

PCT/IB2004/052598

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01L21/20

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	WO 2004/061921 A (INTERNATIONAL BUSINESS MACHINES CORPORATION) 22 July 2004 (2004-07-22) page 4, paragraph 4 – page 6, paragraph 1	1, 2, 4-10
A	US 2003/172866 A1 (HSU SHENG TENG ET AL) 18 September 2003 (2003-09-18) abstract	1-10
A	US 2003/077882 A1 (SHIH WONG-CHENG ET AL) 24 April 2003 (2003-04-24) abstract	1-10
A	US 2002/140031 A1 (RIM KERN) 3 October 2002 (2002-10-03) abstract	3
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

11 April 2005

Date of mailing of the international search report

18/04/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>US 2003/218189 A1 (CHRISTIANSEN SILKE H ET AL) 27 November 2003 (2003-11-27) abstract</p> <p>-----</p>	1-10

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				AU	2003297627	A1	29-07-2004
				WO	2004061921	A2	22-07-2004
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US 2003077882	A1	24-04-2003	NONE				
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			EP	1410428	A1		21-04-2004
			WO	02080241	A1		10-10-2002
US 2003218189	A1	27-11-2003	US	2002185686	A1		12-12-2002
			AU	2003295647	A1		15-06-2004
			WO	2004047150	A2		03-06-2004
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			TW	546713	B		11-08-2003